

CLAIMS

1. A process for producing zinc oxide particles coated with a metallic soap, characterized in that the process comprises a
5 step of mixing zinc oxide particles with a metallic soap at a temperature equal to or higher than the melting point of the metallic soap.

(2. Coated zinc oxide particles in which zinc oxide particles
10 are coated with a metallic soap, wherein the coated zinc oxide particles are produced through the process according to claim 1.

3. Coated zinc oxide particles according to claim 2, wherein
15 zinc oxide has an average primary particle size of 0.005 to 0.1 μm .

(4. Coated zinc oxide particles according to claim 2 or 3,
wherein the metallic soap is a fatty acid salt of at least one
20 metal selected from the group consisting of magnesium, zinc, barium, calcium, and aluminum.

5. Coated zinc oxide particles according to claim 2 or 3,
wherein the metallic soap is a metallic salt of at least one
25 fatty acid selected from the group consisting of lauric acid,

myristic acid, palmitic acid, stearic acid, isostearic acid, oleic acid, behenic acid, montanic acid, and derivatives thereof.

5 6. Coated zinc oxide particles according to claim 2 or 3, wherein the metallic soap is at least one species selected from the group consisting of zinc stearate, magnesium stearate, and calcium stearate.

10 7. Coated zinc oxide particles according to claim 2 or 3, wherein zinc oxide particles have siloxane bonding on the surfaces thereof.

8. A thermoplastic resin composition comprising at least one
15 thermoplastic resin and coated zinc oxide particles according to claim 2 or 3.

(9. A thermoplastic resin composition according to claim 8, which assumes the form of a compound or masterbatch.

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10. A thermoplastic resin composition according to claim 8, wherein the amount of the zinc oxide particles falls within a range of 0.01 to 80 mass% on the basis of the entirety of the composition.

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11. A molded product formed through molding of a thermoplastic resin composition according to claim 8.

12. A molded product according to 11, which is at least one
5 species selected from among fiber, film, and plastic molded products.

13. A process for producing a thermoplastic resin composition
the process comprising a step of adding coated zinc oxide
10 particles according to claim 2 or 3.

14. A process for producing a molded product, the process
comprising a step of molding a thermoplastic resin composition
according to claim 8.